

ABSTRACT

A transmission method for a communication device that transmits signals including combined plural categories of data, and transmission format combination indicators representing data traffic of the data in each category and category combination is provided with the steps of: predicting data traffic of predetermined categories of data; selecting, among the transmission format combination indicator sets, transmission formats based on the predicted data traffic; searching, among the selected transmission format combination indicators, for transmission format combination indicators that match with transmission data; and transmitting them. Consequently, the time for searching for the transmission format combination indicators can be shortened, and by transmitting data and its transmission format combination indicators without fail, transmission quality can be improved.

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